

Release notes for ENDF/B Development n-050\_Sn\_120  
evaluation

**ENDF**  
B-VII.dev

April 26, 2017

- **psyche** Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ISOTOPE MASS = 120. L = 0 / STRENGTH FUNCTION IS 8.86371E-06 / AVERAGE GAMMA WIDTH 3.64161E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE 2
SECTION 151
ISOTOPE MASS = 120. L = 0
STRENGTH FUNCTION IS 8.86371E-06
AVERAGE GAMMA WIDTH 3.64161E-02
... [1 more lines]
```

2. Strength function in URR not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ISOTOPE MASS = 120. L = 0 / STRENGTH FUNCTION 8.86371E-06 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.*

```
FILE 2
SECTION 151
ISOTOPE MASS = 120. L = 0
STRENGTH FUNCTION 8.86371E-06
LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04
```

3. Gamma width not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ISOTOPE MASS = 120. L = 1 / AT RESONANCE ENERGY 4.26100E+02 EV. THE GAMMA WIDTH 2.46000E-01 DEVIATES TOO MUCH FROM THE AVERAGE 7.98457E-02 (0): Gamma width*

```
FILE 2
SECTION 151
ISOTOPE MASS = 120. L = 1
AT RESONANCE ENERGY 4.26100E+02 EV. THE GAMMA WIDTH 2.46000E-01 DEVIATES TOO MUCH FROM THE AV
```

4. Gamma width not in agreement with PSYCHE's expectations  
*FILE 2 / SECTION 151 / ISOTOPE MASS = 120. L = 1 / AT RESONANCE ENERGY 4.09940E+04 EV. THE GAMMA WIDTH 2.10000E-02 DEVIATES TOO MUCH FROM THE AVERAGE 7.98457E-02 (0): Gamma width*

```
FILE 2
SECTION 151
ISOTOPE MASS = 120. L = 1
AT RESONANCE ENERGY 4.09940E+04 EV. THE GAMMA WIDTH 2.10000E-02 DEVIATES TOO MUCH FROM THE AV
```

- **groupie** Errors:

1. Very small elastic cross section found  
*0: Small elastic*

Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)

-----  
ENDF/B Input and Output Data Filenames

ENDFB.IN

ENDFB.OUT

... [97 more lines]

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination  
*resonances / resolved / MultiLevel\_BreitWigner (Error # 0): missingResonanceChannel*

```
WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"  
WARNING: Missing a channel with angular momenta combination L = 1, J = 0.5 and S = 1.5 for "capture"  
WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 1.5 for "capture"  
WARNING: Missing a channel with angular momenta combination L = 1, J = 2.5 and S = 1.5 for "capture"
```

2. Potential scattering hasn't converted, you need more L's!  
*resonances / resolved (Error # 1): potentialScatteringNotConverged*

```
WARNING: Potential scattering hasn't converged by L=1 at E=50000.0 eV, xs[1]/xs[0]=0.12222550684% > 0.1%
```

- fudge-4.0 Errors:

1. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

```
WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV  
... plus 5 more instances of this message
```

2. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

```
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
```

3. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

```
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)  
... plus 49 more instances of this message
```

4. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

```
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
```

5. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

```
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
```

6. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
7. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
8. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
9. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
10. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
11. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
12. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
13. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)
14. Energy range of data set does not match cross section range  
*reaction label 30: n + (Sn120.c ->Sn120 + gamma) / Product: Sn120.c / Decay product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*  
  
WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

15. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{m}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

16. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{n}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

17. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{o}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

18. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{p}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

19. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{q}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

20. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{r}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

21. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{s}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

22. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{t}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

23. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{u}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

24. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..v} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

25. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..w} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

26. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..x} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

27. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..y} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

28. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..z} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

29. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..aa} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

30. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..ab} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

31. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..ac} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

32. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma) / Product: Sn120.c / Decay product: \gamma_{..ad} / Multiplicity: (Error \# 0): Domain mismatch (a)$*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

33. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aae}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

34. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aaf}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

35. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aag}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

36. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aah}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

37. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aai}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

38. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aaj}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

39. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aak}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

40. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aal}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

41. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aam}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

42. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aa}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

43. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ao}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

44. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ap}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

45. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aq}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

46. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ar}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

47. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{as}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

48. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{at}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

49. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{au}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

50. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{av}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

51. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{aw}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

52. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ax}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

53. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ay}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

54. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{az}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

55. Energy range of data set does not match cross section range  
*reaction label 30:  $n + (Sn120.c \rightarrow Sn120 + \gamma)$  / Product:  $Sn120.c$  / Decay product:  $\gamma_{ba}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3000000.0 -> 20000000.0) vs (2927643.0 -> 20000000.0)

56. Calculated and tabulated Q values disagree.  
*reaction label 31:  $n[multiplicity:'2'] + Sn119 + \gamma$  (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9274589.912658691 eV vs -9104619. eV!

57. Energy range of data set does not match cross section range  
*reaction label 31:  $n[multiplicity:'2'] + Sn119 + \gamma$  / Product:  $\gamma_{aa}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

58. Energy range of data set does not match cross section range  
*reaction label 31:  $n[multiplicity:'2'] + Sn119 + \gamma$  / Product:  $\gamma_{aa}$  / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

59. Energy range of data set does not match cross section range  
*reaction label 31:  $n[multiplicity:'2'] + Sn119 + \gamma$  / Product:  $\gamma_{ab}$  / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

60. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

61. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

62. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

63. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

64. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

65. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

66. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

67. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

68. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

69. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

70. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

71. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

72. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

73. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

74. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

75. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

76. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

77. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

78. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

79. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

80. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

81. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

82. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

83. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

84. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

85. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

86. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

87. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

88. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

89. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

90. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

91. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

92. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

93. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

94. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

95. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

96. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
97. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
98. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
99. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
100. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
101. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
102. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
103. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
104. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

105. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
106. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
107. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
108. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
109. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
110. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
111. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
112. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)
113. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

114. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

115. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

116. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

117. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

118. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

119. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

120. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

121. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

122. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

123. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

124. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

125. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

126. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

127. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

128. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

129. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

130. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

131. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

132. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

133. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

134. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

135. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

136. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

137. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

138. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

139. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

140. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

141. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

142. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

143. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

144. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

145. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

146. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

147. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

148. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

149. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

150. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

151. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

152. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

153. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

154. Energy range of data set does not match cross section range  
*reaction label 31: n[multiplicity:'2'] + Sn119 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (9181211.0 -> 20000000.0)

155. Calculated and tabulated Q values disagree.  
*reaction label 32: n + H1 + In119 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -11366788.24591064 eV vs -10688120. eV!

156. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 32: n + H1 + In119 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV

... plus 5 more instances of this message

157. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

158. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
159. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
160. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
161. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
162. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
163. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
164. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
165. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
166. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)
167. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

168. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

169. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

170. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

171. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

172. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

173. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

174. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

175. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

176. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

177. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

178. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

179. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

180. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

181. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

182. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

183. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

184. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

185. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

186. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

187. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

188. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

189. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

190. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

191. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

192. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

193. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

194. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

195. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

196. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

197. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

198. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

199. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

200. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

201. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

202. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

203. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

204. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

205. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

206. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

207. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

208. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

209. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

210. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

211. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

212. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

213. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

214. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

215. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

216. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

217. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

218. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

219. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

220. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

221. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

222. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

223. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

224. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

225. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

226. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

227. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

228. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

229. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

230. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

231. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

232. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

233. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

234. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

235. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

236. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

237. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

238. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

239. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

240. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

241. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

242. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

243. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

244. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

245. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

246. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

247. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

248. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

249. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

250. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

251. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

252. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

253. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

254. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

255. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

256. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

257. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

258. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

259. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

260. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

261. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

262. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

263. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

264. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

265. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

266. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

267. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

268. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

269. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

270. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

271. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

272. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

273. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

274. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

275. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

276. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

277. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

278. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

279. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

280. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

281. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

282. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

283. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

284. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

285. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bm / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

286. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bm / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

287. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bn / Multiplicity: (Er-*  
*ror # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

288. Energy range of data set does not match cross section range  
*reaction label 32: n + H1 + In119 + gamma / Product: gamma\_bn / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (10778030.0 -> 20000000.0)

289. Calculated and tabulated Q values disagree.  
*reaction label 33: Sn121 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: 6003758.194763184 eV vs 6170346. eV!

290. Calculated and tabulated Q values disagree.  
*reaction label 34: n + He4 + Cd116 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -6000048.014083862 eV vs -4806626. eV!

291. If an outgoing energy distribution ends with more than one energy with probability=0,  
proper unitbase treatment is unclear. Distribution should end with exactly one P=0  
point.  
*reaction label 34: n + He4 + Cd116 + gamma / Product: n / Distribution: / energyAn-*  
*gular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 9.e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV

... plus 8 more instances of this message

292. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_a / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

293. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_a / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
294. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_b}$  / Multiplicity:  
(Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
295. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_b}$  / Distribution: /  
uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
296. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_c}$  / Multiplicity:  
(Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
297. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_c}$  / Distribution: /  
uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
298. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_d}$  / Multiplicity:  
(Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
299. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_d}$  / Distribution: /  
uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
300. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_e}$  / Multiplicity:  
(Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
301. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_e}$  / Distribution: /  
uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
302. Energy range of data set does not match cross section range  
reaction label 34:  $n + \text{He4} + \text{Cd116} + \text{gamma}$  / Product:  $\text{gamma\_f}$  / Multiplicity:  
(Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

303. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
304. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
305. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
306. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
307. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
308. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
309. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
310. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
311. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

312. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_k / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

313. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_k / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

314. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_l / Multiplicity: (Er-*  
*ror # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

315. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_l / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

316. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_m / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

317. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_m / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

318. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_n / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

319. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_n / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

320. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_o / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

321. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
322. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
323. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
324. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
325. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
326. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
327. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
328. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
329. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

330. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_t / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
331. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_t / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
332. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_u / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
333. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_u / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
334. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_v / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
335. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_v / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
336. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_w / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
337. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_w / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
338. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_x / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

339. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
340. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
341. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
342. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
343. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
344. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
345. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
346. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
347. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

348. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ac / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

349. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ac / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

350. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ad / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

351. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ad / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

352. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ae / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

353. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ae / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

354. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_af / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

355. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_af / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

356. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ag / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

357. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
358. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
359. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
360. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
361. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
362. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
363. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
364. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
365. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

366. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_al / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

367. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_al / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

368. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_am / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

369. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_am / Distribution:*  
*/ uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

370. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_an / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

371. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_an / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

372. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ao / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

373. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ao / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

374. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ap / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

375. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
376. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
377. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
378. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
379. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
380. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
381. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
382. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)
383. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

384. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_au / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

385. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_au / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

386. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_av / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

387. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_av / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

388. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_aw / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

389. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_aw / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

390. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ax / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

391. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ax / Distribution: /*  
*uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

392. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_\_ay / Multiplicity:*  
*(Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

393. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

394. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

395. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

396. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

397. Energy range of data set does not match cross section range  
*reaction label 34: n + He4 + Cd116 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4847061.0 -> 20000000.0)

398. Calculated and tabulated Q values disagree.  
*reaction label 35: H1 + (In120\_s ->In120 + gamma) (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -5264889.557235718 eV vs -4587598. eV!

399. Calculated and tabulated Q values disagree.  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9142836.981765747 eV vs -8463495. eV!

400. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: H2 / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV  
WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV  
... plus 2 more instances of this message

401. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

402. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)  
 WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)  
 WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)  
 WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)  
 ... plus 62 more instances of this message

403. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

404. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

405. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

406. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

407. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

408. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

409. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

410. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

411. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

412. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

413. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

414. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

415. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

416. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

417. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

418. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

419. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

420. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

421. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

422. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

423. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

424. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

425. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

426. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

427. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

428. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
429. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
430. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
431. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
432. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
433. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
434. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
435. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)
436. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

437. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

438. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

439. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_al / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

440. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_am / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

441. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_an / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

442. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

443. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

444. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

445. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

446. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

447. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

448. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

449. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

450. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

451. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

452. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

453. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

454. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

455. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

456. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

457. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

458. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

459. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

460. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

461. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

462. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

463. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119\_s ->In119 + gamma) / Product: In119\_s / Decay product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

464. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119.s ->In119 + gamma) / Product: In119.s / Decay product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

465. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119.s ->In119 + gamma) / Product: In119.s / Decay product: gamma\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

466. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119.s ->In119 + gamma) / Product: In119.s / Decay product: gamma\_bm / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

467. Energy range of data set does not match cross section range  
*reaction label 36: H2 + (In119.s ->In119 + gamma) / Product: In119.s / Decay product: gamma\_bn / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (11000000.0 -> 20000000.0) vs (8534693.0 -> 20000000.0)

468. Calculated and tabulated Q values disagree.  
*reaction label 37: H3 + (In118.s ->In118 + gamma) (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -11430794.95172119 eV vs -10748510. eV!

469. Calculated and tabulated Q values disagree.  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -222822.5070037842 eV vs 970714.5 eV!

470. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: He4 / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

WARNING: Extra zero-probability outgoing energies found at incident energy 3.e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 3.5e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 4.e6 eV

WARNING: Extra zero-probability outgoing energies found at incident energy 4.5e6 eV

... plus 10 more instances of this message

471. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

472. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)  
... plus 26 more instances of this message

473. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

474. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

475. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

476. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

477. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

478. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

479. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

480. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay*  
*product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

481. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
482. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
483. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
484. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
485. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
486. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
487. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
488. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
489. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117\_s ->Cd117 + gamma) / Product: Cd117\_s / Decay  
product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

490. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
491. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
492. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
493. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
494. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
495. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
496. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
497. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3500000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
498. Energy range of data set does not match cross section range  
*reaction label 38: He<sub>4</sub> + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay*  
*product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)

499. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
500. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
501. Energy range of data set does not match cross section range  
*reaction label 38: He4 + (Cd117.s ->Cd117 + gamma) / Product: Cd117.s / Decay product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (1e-05 -> 20000000.0)
502. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 3: n + (Sn120.c ->Sn120 + gamma) total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 21.94%
503. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 4: n[multiplicity:'2'] + Sn119 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 99.99%
504. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 5: n + H1 + In119 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 201.25%
505. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 7: n + He4 + Cd116 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 2277.62%
506. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 8: (z,d) total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 952.59%
507. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 9: (z,alpha) total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 2500.00%

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (0): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt 16 does not give recoil za= 50119
one-particle recoil approx. used.
```
2. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (1): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt 22 does not give recoil za= 48116
one-particle recoil approx. used.
```
3. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (2): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt 28 does not give recoil za= 49119
one-particle recoil approx. used.
```
4. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (3): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt 91 does not give recoil za= 50120
one-particle recoil approx. used.
```
5. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (4): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt102 does not give recoil za= 50121
photon momentum recoil used.
```
6. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (5): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt103 does not give recoil za= 49120
one-particle recoil approx. used.
```
7. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (6): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt104 does not give recoil za= 49119
one-particle recoil approx. used.
```
8. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (7): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt105 does not give recoil za= 49118
one-particle recoil approx. used.
```
9. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (8): HEATR/hinit (4)*  

```
---message from hinit---mf6, mt107 does not give recoil za= 48117
one-particle recoil approx. used.
```